

means for performing a virtual echographic examination of said digital image with
said probe to select any two-dimensional sectional plan from said digital image;
means for return expert assessment combining videoconference ability; and
means for transmitting control data between said acquisition workstation and said
diagnostic workstation, said control data allowing a user to select, on each workstation, a
sectional plan to be visualized
[means for recalculation of a three-dimensional image; and
means for receiving expert assessment results combining videoconference ability and the
possibility of remote manipulation of two-dimensional images].

2. (Amended) A workstation comprising:

means for acquisition of a three-dimensional image[,];

means for processing said three-dimensional image in the system according to Claim 1,

wherein said workstation comprises:

means for communicating with the diagnostic workstation to display at the same time on the
screen of said diagnostic workstation and on the display of said workstation sectional planes selected
by the expert performing in real time a virtual echographic probe from the three-dimensional matrix
available on the acquisition and diagnostic workstations, said means transmitting from one
workstation to another station only said control data allowing for selection of the sectional plan to
be visualized; and

means for recording said control data and again performing an examination [linking multiple
physical devices].

5. (Amended) The workstation according to Claim 4, comprising a central unit, a screen,

A2 a three-dimensional position sensor giving spatial positions of a virtual echographic probe, a

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videoconference kit combining an electronic card and a two-way video input, a color camera, a microphone and a headset, [a reproduction bank] and a color ink-jet printer.

Kindly cancel Claims 6, 9 and 10 without prejudice and without disclaimer of the subject matter thereof.

In the Claims (Clean Copy)

1. (Amended) An imaging system comprising:

an acquisition workstation comprising:

means for acquiring an echographic image and generating a digital image formed by a three-dimensional matrix from echographic sectional planes of said echographic image;

means for transmitting said digital image;

a diagnostic workstation comprising:

a probe and means for referencing positions on a dummy;

echographic display means connected to the means for referencing positions;

means for performing a virtual echographic examination of said digital image with said probe to select any two-dimensional sectional plan from said digital image;

means for return expert assessment combining videoconference ability; and

means for transmitting control data between said acquisition workstation and said diagnostic workstation, said control data allowing a user to select, on each workstation, a sectional plan to be visualized.

2. (Amended) A workstation comprising:

means for acquisition of a three-dimensional image;

means for processing said three-dimensional image in the system according to Claim 1,

wherein said workstation comprises:

means for communicating with the diagnostic workstation to display at the same time on the screen of said diagnostic workstation and on the display of said workstation sectional planes selected by the expert performing in real time a virtual echographic probe from the three-dimensional matrix available on the acquisition and diagnostic workstations, said means transmitting from one

workstation to another station only said control data allowing for selection of the sectional plan to be visualized; and

means for recording said control data and again performing an examination.

5. (Amended) The workstation according to Claim 4, comprising a central unit, a screen, a three-dimensional position sensor giving spatial positions of a virtual echographic probe, a videoconference kit combining an electronic card and a two-way video input, a color camera, a microphone and a headset, and a color ink-jet printer.

Kindly cancel Claims 6, 9 and 10 without prejudice and without disclaimer of the subject matter thereof.